

10/22/2005 09:53 16503300251

NOV 20 2005

PAGE 03

ATTORNEY'S DOCKET NO.
TI-277212

BEST AVAILABLE COPY

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

This declaration is directed to Application S.N. 10/052,194, filed January 17, 2002, and entitled "METHOD AND APPARATUS FOR COORDINATING MULTI-POINT TO POINT COMMUNICATIONS IN A MULTI-TONE DATA TRANSMISSION SYSTEM", as amended on January 17, 2002, May 4, 2004, December 14, 2004, and May 23, 2005;

I verily believe that I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought;

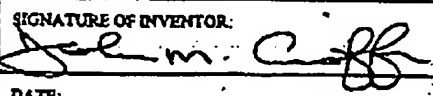
I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to above;

I acknowledge the duty to disclose, to the United States Patent and Trademark Office, all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application; and

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH

Practitioners at Customer Number: 23494

SEND CORRESPONDENCE TO: Abdul R. Zindani, Esq. Texas Instruments Incorporated P. O. Box 65474, M/S 1999 Dallas, Texas 75263		DIRECT TELEPHONE CALLS TO: Abdul R. Zindani, Esq. Phone Number: (972) 917-5633 Fax Number: (972) 917-4411
NAME OF INVENTOR: John M. Clodfi	NAME OF INVENTOR: John A.C. Bingham	NAME OF INVENTOR: Krista S. Jacobson
SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:
DATE: 10-22-05	DATE:	DATE:

BEST AVAILABLE COPY

OCT-26-05 09:27 AM JOURNAL BIRMINGHAM

BEST AVAILABLE COPY

ATTORNEY'S Docket NO.

TI-27723.2

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

This declaration is directed to Application S.N. 10/052,194, filed January 17, 2002, and entitled "METHOD AND APPARATUS FOR COORDINATING MULTI-POINT TO POINT COMMUNICATIONS IN A MULTI-TONE DATA TRANSMISSION SYSTEM", as amended on January 17, 2002, May 4, 2004, December 14, 2004, and May 23, 2005;

I verily believe that I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought;

I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to above;

I acknowledge the duty to disclose, to the United States Patent and Trademark Office, all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application; and

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing hereon.

POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH.

Practitioners at Customer Number: 23494

SEND CORRESPONDENCE TO:
Abdul R. Zindani, Esq.
Texas Instruments Incorporated
P.O. Box 654474, MCH 8999
Dallas, Texas 75265

DIRECT TELEPHONE CALLS TO:
Abdul R. Zindani, Esq.
Phone Number: (972) 917-5633
Fax Number: (972) 917-4418

NAME OF INVENTOR:
John M. Cuff

NAME OF INVENTOR:
John A.C. Bingham

NAME OF INVENTOR:
Krista S. Jacobson

SIGNATURE OF INVENTOR:

SIGNATURE OF INVENTOR:

John A.C. Bingham

SIGNATURE OF INVENTOR

10/26/05

BEST AVAILABLE COPY

Oct 25 05 02:58p

Krista S. Jacobsen

1-408-225-2428

P.3

ATTORNEY'S DOCKET NO.
TI-27725.2

BEST AVAILABLE COPY

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

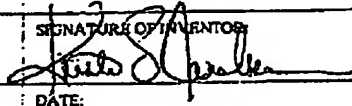
This declaration is directed to Application S.N. 10/052,194, filed January 17, 2002, and entitled "METHOD AND APPARATUS FOR COORDINATING MULTI-POINT TO POINT COMMUNICATIONS IN A MULTI-TONE DATA TRANSMISSION SYSTEM", as amended on January 17, 2002, May 4, 2004, December 14, 2004, and May 23, 2005;

I verily believe that I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought;

I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to above;

I acknowledge the duty to disclose, to the United States Patent and Trademark Office, all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application; and

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH Practitioners at Customer Number: 23494		
SEND CORRESPONDENCE TO: Abdul R. Zlodani, Esq. Texas Instruments Incorporated P. O. Box 653474, MS 3999 Dallas, Texas 75265		DIRECT TELEPHONE CALLS TO: Abdul R. Zlodani, Esq. Phone Number: (972) 917-3633 Fax Number: (972) 917-4418
NAME OF INVENTOR: John M. Cioffi	NAME OF INVENTOR: John A.C. Bingham	NAME OF INVENTOR: Krista S. Jacobsen
SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR:	SIGNATURE OF INVENTOR: 
DATE:	DATE:	DATE: 25 Oct 2005